

The Mount Washington Cog Railway

The Uphill Climb to Green
Technology

Coal Fired & Steam Powered Locomotives



The First Attempts

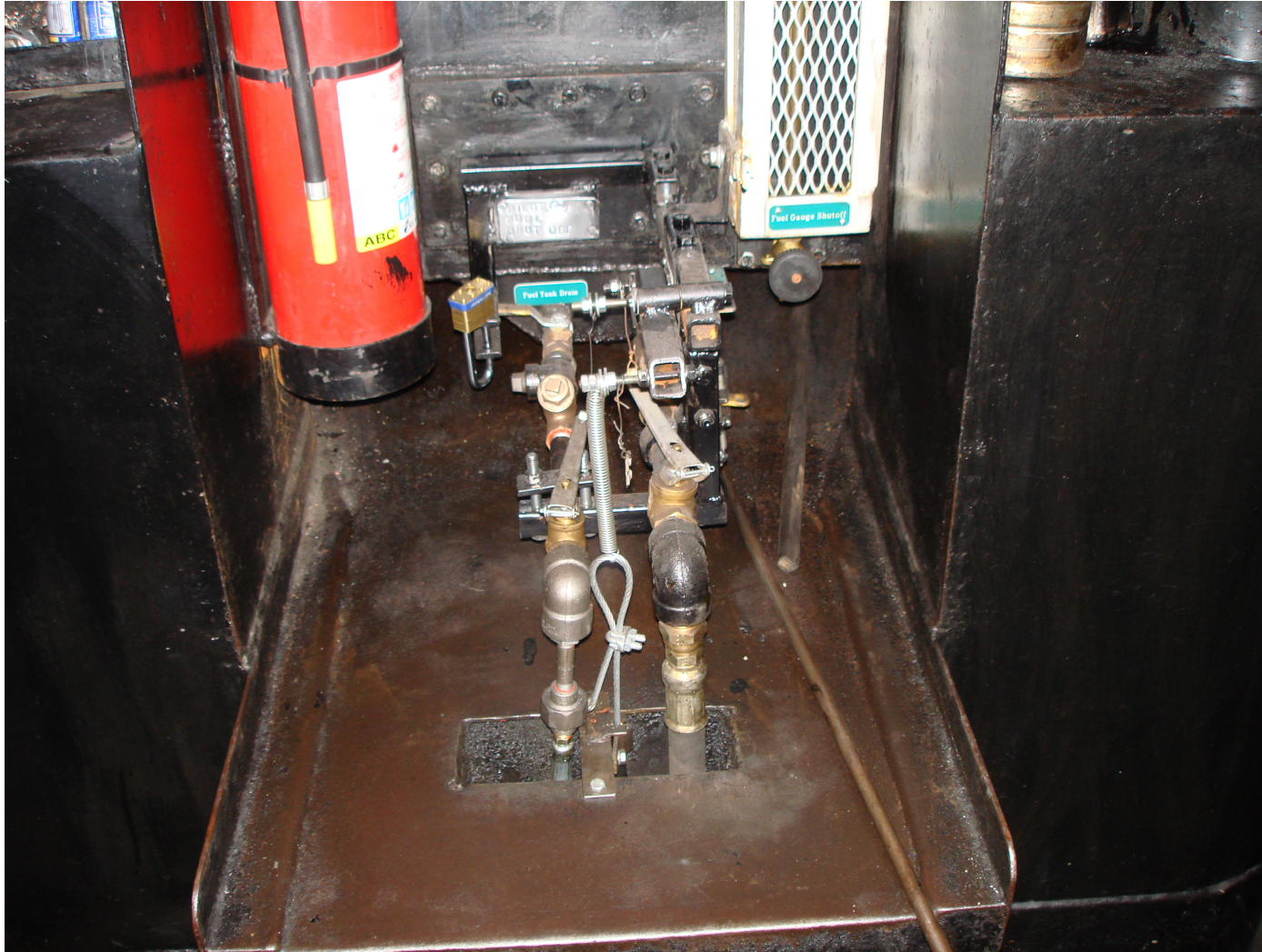


Replicating a Coal Fire

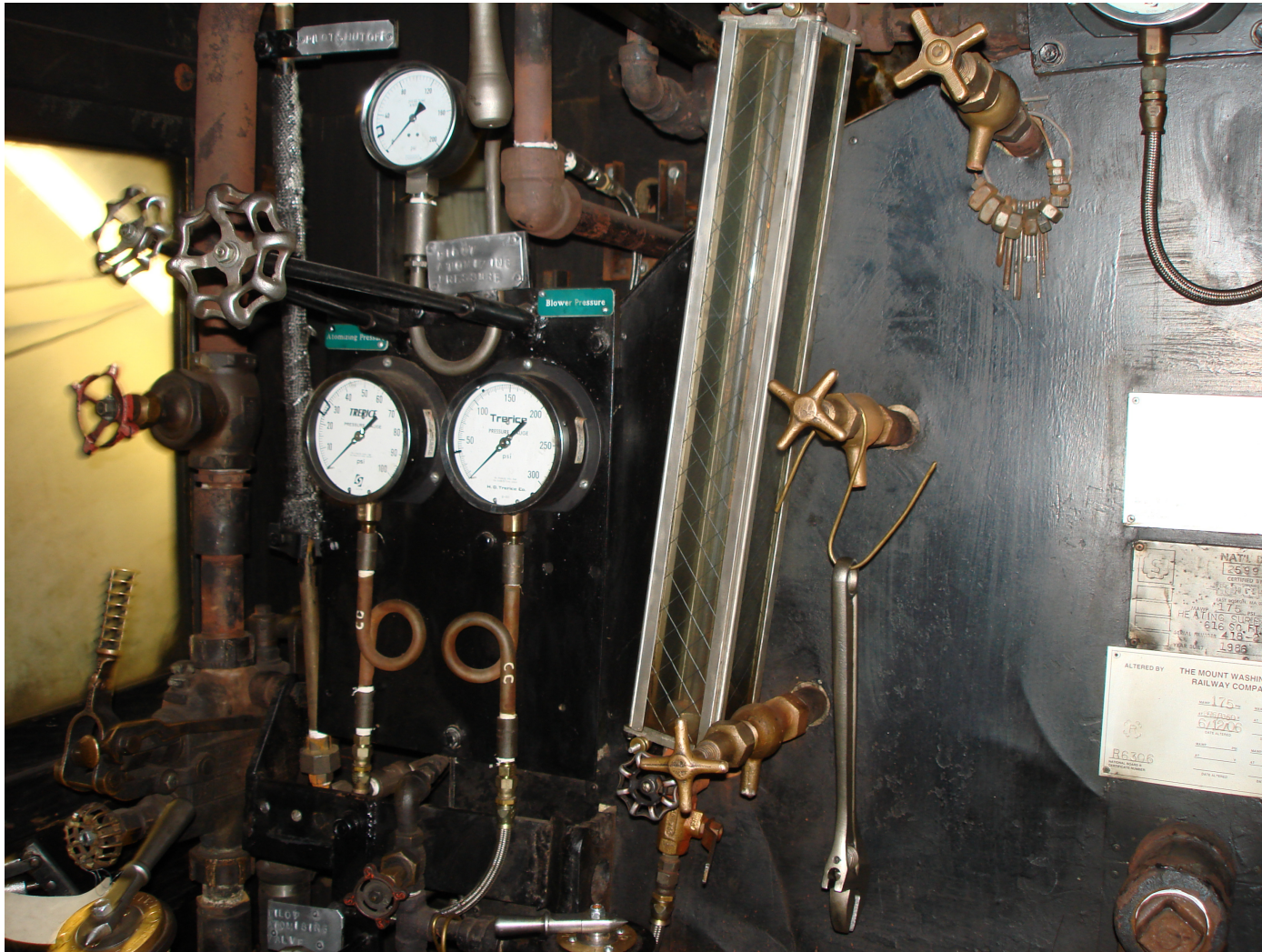
Nigel Day – The Snowden Railway



Adding Fuel Source and Valves to Control Fuel Flow



Adding New Plumbing and Gauges



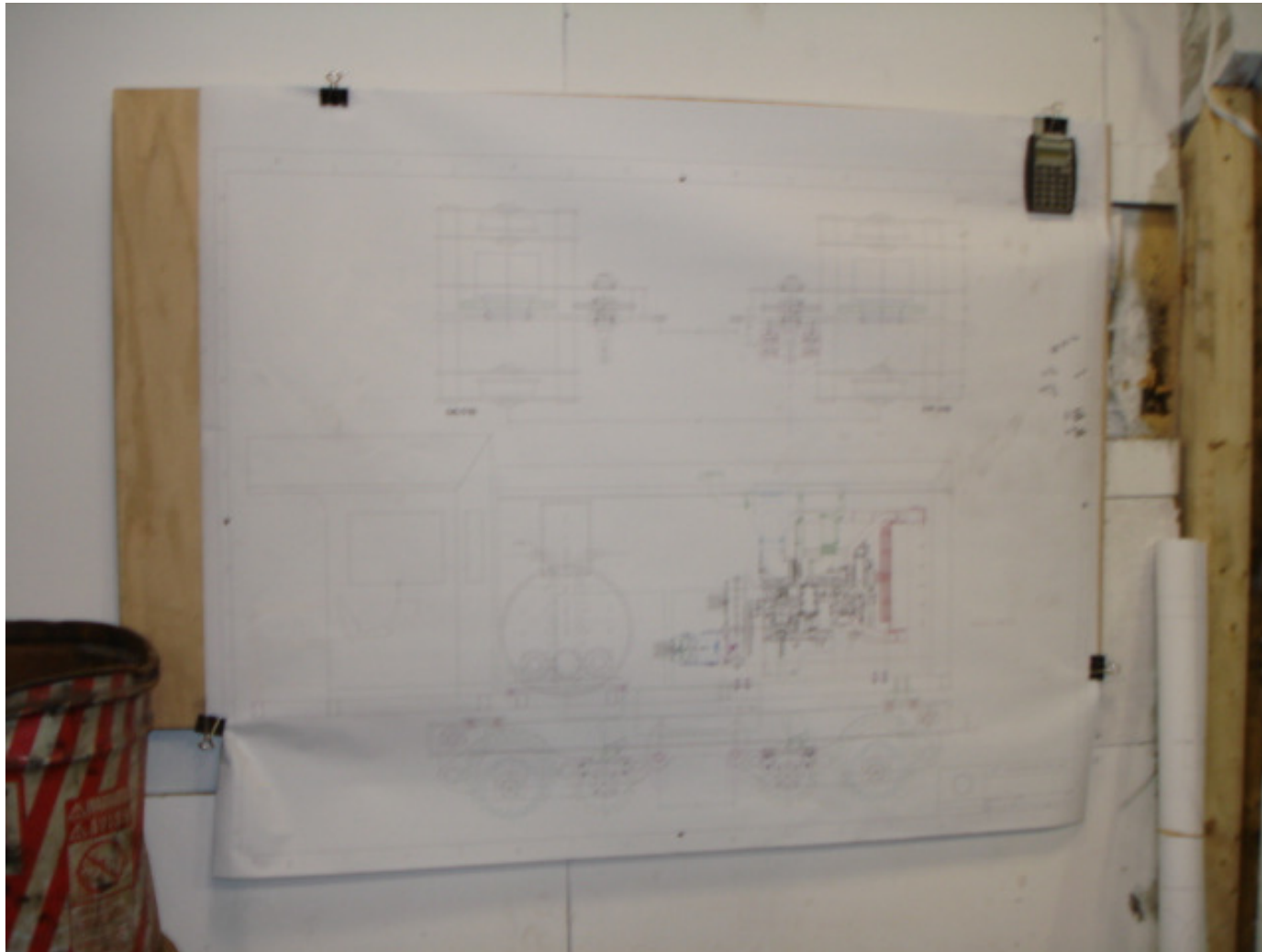
Researching Alternatives



New Designs



Our Designs Al LaPrade



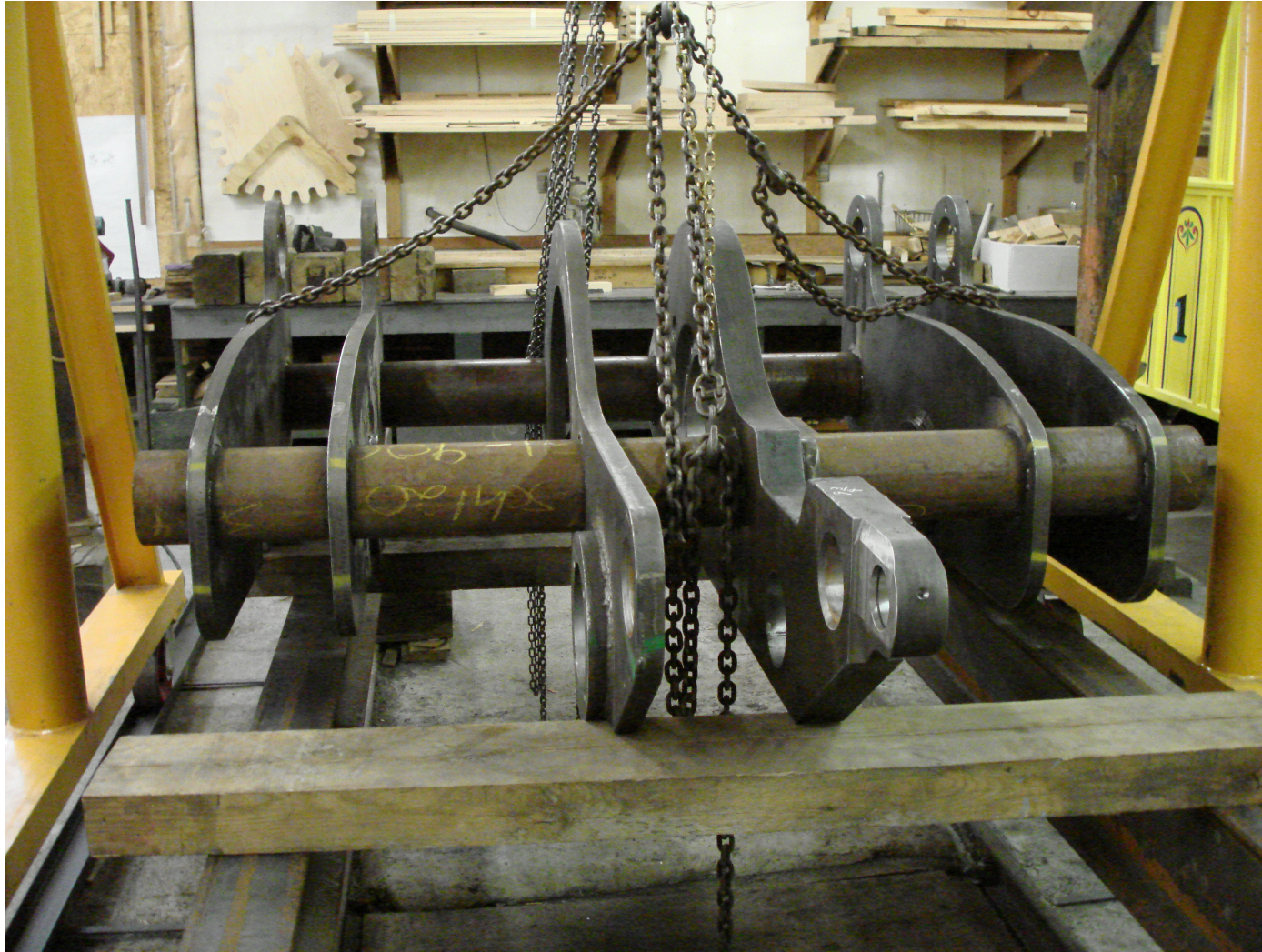
Preparing to Build



Power Plants – John Deere - OEM



Constructing the Trucks



Building the Main Frame



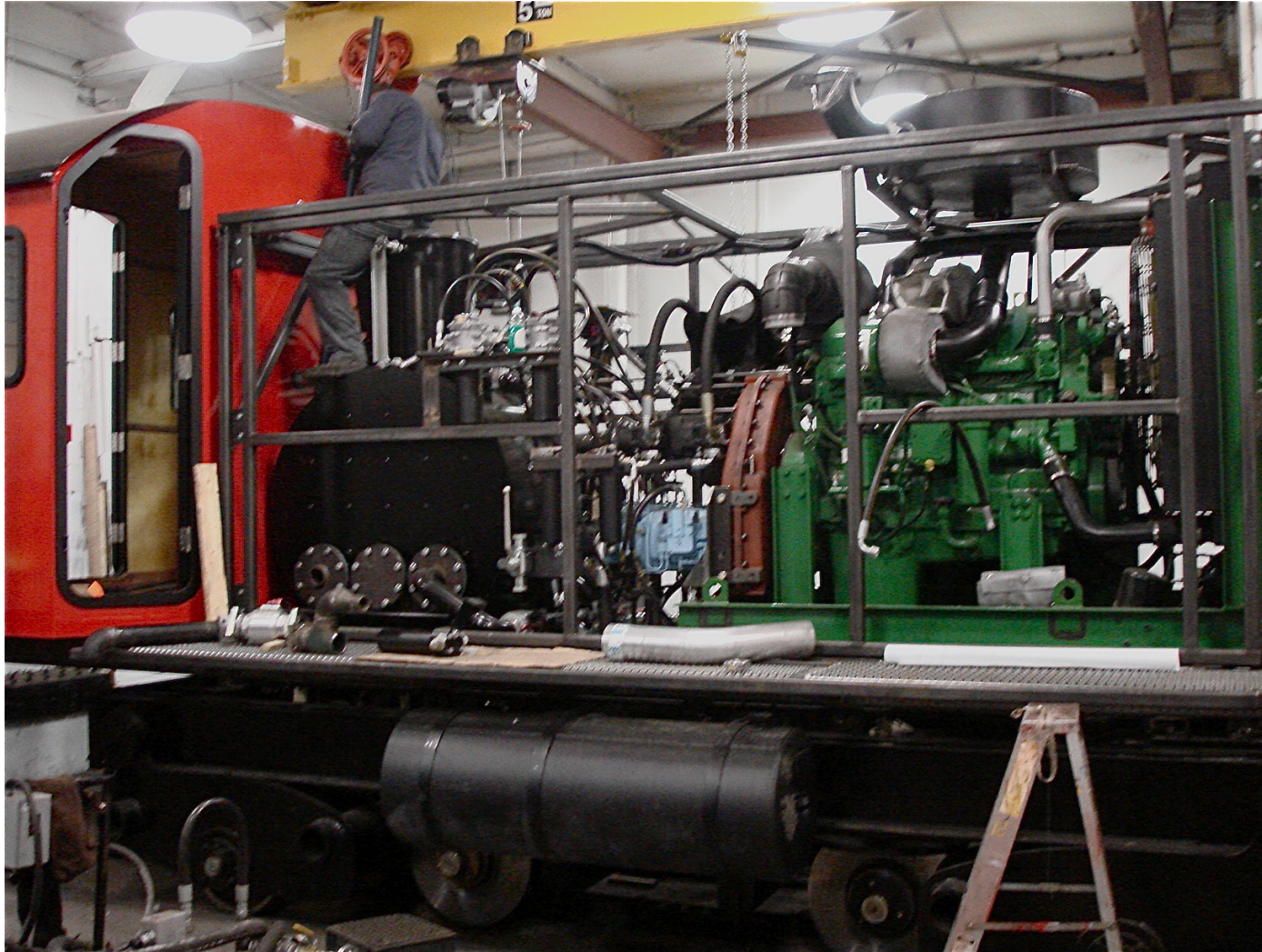
Building the Sub Frame



Assembly of Components



Nearing Completion



Finished Product



Everyone Loves the New Engines



The Fleet



Coal



Coal



Biodiesel



Biodiesel



Comparisons

- The Steam Engine Burned One Ton of Coal on Every Trip or 27,000,000 Btu
- The New Engine Burns 16 Gallons of B20 or Approximately 2,200,000 Btu Per Trip
- Fuel Savings of 90% and Even Better Emissions Reductions Due to the Use of Biodiesel

White Mountain Biodiesel, LLC



The Plant



The Plant



Collecting Waste Vegetable Oil

